

REPLACEMENT SHEET

[illegible]

FIG. 1B CONT.

MGB-CEGP1 int 3.1

FIG. 1B CONT.

MGB-CEGP1 int 4.1

FIG. 1C

FIG. 1C CONT.

CEGP1 int 5.1

FIG. 1D

FOXM1 int 3.2

MGB-FOXM1 int 7.3

MGB-PRAME int 2.1

MGB-PRAME int 2.1

FIG. 1K CONT.

FIG. 1L

MGB-STK15 int 2.1

FIG. 1L CONT.

FIG. 1M

MGB-STK15 int 4.1

FIG. 6 CONT.

| Gene Name | Sequence ID | Sequence Source | GHIallgenes2-03.txt Accession Number |
|--------------|-------------|-----------------|---|
| BAG1 | NM_004323 | NCBI | NM_004323 |
| Bak | NM_001188 | NCBI | NM_001188 |
| Bax | NM_004324 | NCBI | NM_004324 |
| BBC3 | NM_014417 | NCBI | NM_014417 |
| BCAR1 | NM_014567 | NCBI | NM_014567 |
| BCAR3 | NM_003567 | NCBI | NM_003567 |
| Bcl2 | NM_000633 | NCBI | NM_000633 |
| BCL2-related | BC017197 | NCBI | BC017197 |
| BCL2L10 | NM_020396 | NCBI | NM_020396 |
| BCL2L11 | NM_006538 | NCBI | NM_006538 |
| BCL2L12 | NM_052842 | NCBI | NM_052842 |
| BOX | NM_001191 | NCBI | NM_001191 |
| BCRP | NM_004827 | NCBI | NM_004827 |
| BECN1 | NM_003766 | NCBI | NM_003766 |
| BFGF | NM_007083 | NCBI | NM_007083 |
| BG675392 | BG675392 | NCBI | BG675392 |
| BID | NM_001196 | NCBI | NM_001196 |
| BIK | NM_001197 | NCBI | NM_001197 |
| BIN1 | NM_004305 | NCBI | NM_004305 |
| BIM | NM_000057 | NCBI | NM_000057 |
| BNIP1 | NM_013979 | NCBI | NM_013979 |
| BNIP2 | NM_004330 | NCBI | NM_004330 |
| BNIP3 | NM_004052 | NCBI | NM_004052 |
| BNIP3L | NM_004331 | NCBI | NM_004331 |
| BPAG1 | NM_015548 | NCBI | NM_015548 |
| BRAF | NM_004333 | NCBI | NM_004333 |
| BRCA1 | NM_007295 | NCBI | NM_007295 |
| BRCA2 | NM_000059 | NCBI | NM_000059 |
| BRK | NM_005975 | NCBI | NM_005975 |
| BRMS1 | AF159141 | NCBI | AF159141 |
| BRS3 | NM_001727 | NCBI | NM_001727 |
| BTC | NM_001729 | NCBI | NM_001729 |
| BTF3 | NM_001207 | NCBI | NM_001207 |
| BUB1 | NM_004336 | NCBI | NM_004336 |
| c-abl | NM_005157 | NCBI | NM_005157 |
| c-kit | NM_000222 | NCBI | NM_000222 |
| c-myb | NM_005375 | NCBI | NM_005375 |
| C20 orf1 | NM_012112 | NCBI | NM_012112 |
| C20orf103 | NK-012261 | NCBI | NM_012261 |
| c20orf108 | NM_080821 | NCBI | NM_080821 |
| CA9 | NM_001216 | NCBI | NM_001216 |
| CACNA2D2 | NM_006030 | NCBI | NM_006030 |
| Cad17 | NM_004063 | NCBI | NM_004063 |
| CASP8 | NM_033357 | NCBI | NM_033357 |
| CCNA2 | NM_001237 | NCBI | NM_001237 |
| CCNB1 | NM_031966 | NCBI | NM_031966 |
| CCNB2 | NM_004701 | NCBI | NM_004701 |
| CCND1 | NM_001758 | NCBI | NM_001758 |

FIG. 6 CONT.

| Gene Name | Sequence ID | Sequence Source | GHIallgenes2-03.txt Accession Number |
|-----------------|---------------|-----------------|---|
| CCND3 | NM_001760 | NCBI | NM_001760 |
| CCNE1 | NM_001238 | NCBI | NM_001238 |
| CCNE2 | NM_057749 | NCBI | NM_057749 |
| CCNE2 variant 1 | NM_057749var1 | NCBI | NM_057749 |
| CCNE2 variant 3 | NM_004702 | NCBI | NM_004702 |
| CD105 | NM_000118 | NCBI | NM_000118 |
| CD134 | NM_003327 | NCBI | NM_003327 |
| CD18 | NM_000211 | NCBI | NM_000211 |
| CD31 | NM_000442 | NCBI | NM_000442 |
| CD3z | NM_000734 | NCBI | NM_000734 |
| CD40 | NM_000074 | NCBI | NM_000074 |
| CD44E | X55150 | NCBI | X55150 |
| CD44s | M59040 | NCBI | M59040 |
| CD44v3 | AJ251595v3 | NCBI | AJ251595v3 |
| CD44v6 | AJ251595v6 | NCBI | AJ251595v6 |
| CD68 | NM_001251 | NCBI | NM_001251 |
| CD82 | NM_002231 | NCBI | NM_002231 |
| CD9 | NM_001769 | NCBI | NK-001769 |
| CDC20 | NM_001255 | NCBI | NM_001255 |
| cdc25A | NM_001789 | NCBI | NM_001789 |
| CDC25B | NM_021874 | NCBI | NM_021874 |
| CDH1 | NM_004360 | NCBI | NM_004360 |
| CDX2 | NM_001265 | NCBI | NM_001265 |
| CEACAM6 | NM_002483 | NCBI | NM_002483 |
| CEGP1 | NM_020974 | NCBI | NM_020974 |
| CEGP1 intron 1 | NM_020974int1 | NCBI | NM_020974int1 |
| CEGP1 intron 2 | NM_020974int2 | NCBI | NM_020974int2 |
| CEGP1 intron 3 | NM_020974int3 | NCBI | NM_020974int3 |
| CEGP1 intron 4 | NM_020974int4 | NCBI | NM_020974int4 |
| CEGP1 intron 5 | NM_020974int5 | NCBI | NM_020974int5 |
| CEGP1 intron 7 | NM_020974int7 | NCBI | NM_020974int7 |
| CGA | NM_001275 | NCBI | NM_001275 |
| CHAF1B | NM_005441 | NCBI | NM_005441 |
| chk1 | NM_001274 | NCBI | NM_001274 |
| chk2 | NM_007194 | NCBI | NM_007194 |
| CIAP1 | NM_001166 | NCBI | NM_001166 |
| CIAP2 | NM_001165 | NCBI | NM_001165 |
| CKAP4 | NM_006825 | NCBI | NM_006825 |
| Claudin | 4 NM_001305 | NCBI | NM_001305 |
| cMet | NM_000245 | NCBI | NM_000245 |
| cMYC | NM_002467 | NCBI | NM_002467 |
| CNN | NM_001299 | NCBI | NM_001299 |
| COL1A1 | NM_000088 | NCBI | NM_000088 |
| COL1A2 | NM_000089 | NCBI | NM_000089 |
| Contig 27882 | AK000618 | NCBI | AK000618 |
| Contig 36744 | XM_087225 | NCBI | XM-087225 |
| Contig 51037 | XM_058945 | NCBI | XM_058945 |
| Contig38438 | AI744123 | NCBI | AI744123 |

FIG. 6 CONT.

| Gene Name | Sequence ID | Sequence Source | GHfallgenes2-03.txt Accession Number |
|-------------|-------------|-----------------|---|
| Contig44799 | Contig44799 | Rosetta Contigs | Contig44799 |
| Contig46653 | Contig46653 | Rosetta Contigs | Contig46653 |
| Contig47405 | Contig47405 | Rosetta Contigs | Contig47405 |
| COX2 | NM_000963 | NCBI | NM_000963 |
| CRBP | NM_002899 | NCBI | NM_002899 |
| cripto | NM_003212 | NCBI | NM_003212 |
| CRK7 | NM_016507 | NCBI | NM_016507 |
| CRMP1 | NM_001313 | NCBI | NM_001313 |
| CSF1 | NM_000757 | NCBI | NM_000757 |
| CSF1R | NM_005211 | NCBI | NM_005211 |
| CSF3 | NM_000759 | NCBI | NM_000759 |
| CSNK1D | NM_001893 | NCBI | NM_001893 |
| CSTF1 | NM_001324 | NCBI | NM_001324 |
| CTSB | NM_001908 | NCBI | NM_001908 |
| CTSD | NM_001909 | NCBI | NM_001909 |
| CTSH | NM_004390 | NCBI | NM_004390 |
| CTSL | NM_001912 | NCBI | NM_001912 |
| CTSL2 | NM_001333 | NCBI | NM_001333 |
| Cyclin C | NM_005190 | NCBI | NM_005190 |
| Cyclin G1 | NM_004060 | NCBI | NM_004060 |
| Cyclin G2 | NM_004354 | NCBI | NM_004354 |
| Cyclin K | BC015935 | NCBI | BC015935 |
| CYP | NM_006347 | NCBI | NM_006347 |
| CYP11B1 | NM_000497 | NCBI | NM_000497 |
| CYP17 | NM_000102 | NCBI | NM_000102 |
| CYP1A1 | NM_000499 | NCBI | NM_000499 |
| CYP1A2 | NM_000761 | NCBI | NM_000761 |
| CYP181 | NM_000104 | NCBI | NM_000104 |
| CYP21A2 | NM_000500 | NCBI | NM_000500 |
| CYP24 | NM_000782 | NCBI | NM_000782 |
| CYP27A1 | NM_000784 | NCBI | NM_000784 |
| CYP27B1 | NM_000785 | NCBI | NM_000785 |
| CYP2A13 | NM_000766 | NCBI | NM_000766 |
| CYP2A6 | NM_000762 | NCBI | NM_000762 |
| CYP2A7 | NM_000764 | NCBI | NM_000764 |
| CYP2A7 | NM_030589 | NCBI | NM_030589 |
| CYP2C18 | NM_000772 | NCBI | NM_000772 |
| CYP2C19 | NM_000769 | NCBI | NM_000769 |
| CYP2C8 | NM_030878 | NCBI | NM_030878 |
| CYP2C8 | NM_000770 | NCBI | NM_000770 |
| CYP2C9 | NM_000771 | NCBI | NM_000771 |
| CYP2D6 | NM_000106 | NCBI | NM_000106 |
| CYP2E | NM_000773 | NCBI | NM_000773 |
| CYP2F1 | NM_000774 | NCBI | NM_000774 |
| CYP2S1 | NM_030622 | NCBI | NM_030622 |
| CYP39A1 | NM_016593 | NCBI | NM_016593 |
| CYP3A4 | NM_017460 | NCBI | NM_017460 |
| CYP3A43 | NM_022820 | NCBI | NM_022820 |

FIG. 6 CONT.

| Gene Name | Sequence ID | Sequence Source | GHIallgenes2-03.txt Accession Number |
|-----------------|--------------|-----------------|---|
| CYP4F12 | NM_023944 | NCBI | NM_023944 |
| CYP4F2 | NM_001082 | NCBI | NM_001082 |
| CYP51 | NM_000786 | NCBI | NM_000786 |
| CYP7A1 | NM_000780 | NCBI | NM_000780 |
| CYP7B1 | NM_004820 | NCBI | NM_004820 |
| CYP8B1 | NM_004391 | NCBI | NM_004391 |
| DAPK1 | NM_004938 | NCBI | NM_004938 |
| DBC2 | NM_015178 | NCBI | NM_015178 |
| DCC_exons18-23 | X76132-18-23 | NCBI | X76132_18-23 |
| DCC_exons6-7 | X76132_6-7 | NCBI | X76132_6-7 |
| DCK | NM_000788 | NCBI | NM_000788 |
| DCR3 | NM_016434 | NCBI | NM_016434 |
| DHFR | NM_000791 | NCBI | NM_000791 |
| DHPS | NM_013407 | NCBI | NM_013407 |
| DIABLO | NM_019887 | NCBI | NM_019887 |
| DKFZp564 | XM_047080 | NCBI | XM_047080 |
| DKFZp586M0723 | AL050227 | NCBI | AL050227 |
| DNMT3A | NM_022552 | NCBI | NM_022552 |
| DPYD | NM_000110 | NCBI | NM_000110 |
| DR4 | NM_003844 | NCBI | NM_003844 |
| DR5 | NM_003842 | NCBI | NM_003842 |
| E2F1 | NM_005225 | NCBI | NM_005225 |
| EDN1 endothelin | NM_001955 | NCBI | NM_001955 |
| EGF | NM_001963 | NCBI | NM_001963 |
| EGFR | NM_005228 | NCBI | NM_005228 |
| EGFRd27 | EGFRd27 | GHI Custom | EGFRd27 |
| EIF4E | NM_001968 | NCBI | NM_001968 |
| EIF4EL3 | NM_004846 | NCBI | NM_004846 |
| EMP1 | NM_001423 | NCBI | NM_001423 |
| EMS1 | NM_005231 | NCBI | NM_005231 |
| EN01 | NM_001428 | NCBI | NM_001428 |
| EpCAM | NM_002354 | NCBI | NM_002354 |
| EPHX1 | NM_000120 | NCBI | NM_000120 |
| ER2 | NM_001437 | NCBI | NM_001437 |
| ErbB3 | NM_001982 | NCBI | NM_001982 |
| ERBB4 | NM_005235 | NCBI | NM_005235 |
| ERCC1 | NM_001983 | NCBI | NM_001983 |
| EREG | NM_001432 | NCBI | NM_001432 |
| ERK1 | Z11696 | NCBI | Z11696 |
| ERK2 | NM_002745 | NCBI | NM_002745 |
| ERRa | NM_004451 | NCBI | NM_004451 |
| ESM1 | NM_007036 | NCBI | NM_007036 |
| EstR1 | NM_000125 | NCBI | NM_000125 |
| F2 | NM_000506 | NCBI | NM_000506 |
| F2R | NM_001992 | NCBI | NM_001992 |
| F2RL2 | NM_004101 | NCBI | NM_004101 |
| fas | NM_000043 | NCBI | NM_000043 |
| fas1 | NM_000639 | NCBI | NM_000639 |

FIG. 6 CONT.

| Gene Name | Sequence ID | Sequence Source | Accession Number |
|----------------|----------------|-----------------|------------------|
| FBXO5 | NM_012177 | NCBI | NM_012177 |
| FGF 19 | NM_005117 | NCBI | NM_005117 |
| FGF1 | NM_000800 | NCBI | NM_000800 |
| FGF18 | NM_003862 | NCBI | NM_003862 |
| FGF2 | NM_002006 | NCBI | NM_002006 |
| FGF8 | NM_033163 | NCBI | NM_033163 |
| FGFR 2 | NM_023028 | NCBI | NM_023028 |
| FGFR 3 | NM_000142 | NCBI | NM_000142 |
| FGFR1 | NM_023109 | NCBI | NM_023109 |
| FGFR4 | NM_002011 | NCBI | NM_002011 |
| FHIT | NM_002012 | NCBI | NM_002012 |
| FKBP4 | NM_002014 | NCBI | NM_002014 |
| FL310713 | NM_018189 | NCBI | NM_018189 |
| FLJ20354 | NM_017779 | NCBI | NM_017779 |
| FLT1 | NM_002019 | NCBI | NM_002019 |
| FN1 | NM_002026 | NCBI | NM_002026 |
| FOLR1 | NM_016730 | NCBI | NM_016730 |
| FOXM1 | NM_021953 | NCBI | NM_021953 |
| FOXM1 intron 3 | NM_021953 int3 | NCBI | NM_021953 int3 |
| FOXM1 intron 4 | NM_021953 int4 | NCBI | NM_021953 int4 |
| FOXM1 intron 5 | NM_021953 int5 | NCBI | NM_021953 int5 |
| FOXM1 intron 7 | NM_021953 int7 | NCBI | NM_021953 int7 |
| FPPS | NM_002004 | NCBI | NM_002004 |
| FRP1 | NM_003012 | NCBI | NM_003012 |
| Furin | NM_002569 | NCBI | NM_002569 |
| FUS | NM_004960 | NCBI | NM_004960 |
| FUT1 | NM_000148 | NCBI | NM_000148 |
| FUT2 | NM_000511 | NCBI | NM_000511 |
| G-Catenin | NM_002230 | NCBI | NM_002230 |
| GAMMA | NM_003890 | NCBI | NM_003890 |
| GAPDH | NM_002046 | NCBI | NM_002046 |
| GATA3 | NM_002051 | NCBI | NM_002051 |
| GCLC | NM_001498 | NCBI | NM_001498 |
| GCLM | NM_002061 | NCBI | NM_002061 |
| GGPS1 | NM_004837 | NCBI | NM_004837 |
| GGT | X98922 | NCBI | X98922 |
| gpl30 | NM_002184 | NCBI | NM_002184 |
| GPC1 | NM_002081 | NCBI | NM_002081 |
| GPC3 | NM_004484 | NCBI | NM_004484 |
| GPX1 | NM_000581 | NCBI | NM_000581 |
| GPX2 | NM_002083 | NCBI | NM_002083 |
| GPX3 | NM_002084 | NCBI | NM_002084 |
| GPX4 | NM_002085 | NCBI | NM_002085 |
| GRB7 | NM_005310 | NCBI | NM_005310 |
| GRO1 | NM_001511 | NCBI | NM_001511 |
| GRP | NM_002091 | NCBI | NM_002091 |
| GRPR | NM_005314 | NCBI | NM_005314 |
| GSN | NM_000177 | NCBI | NM_000177 |

FIG. 6 CONT.

| Gene Name | Sequence ID | Sequence Source | GHIallgenes2-03.txt Accession Number |
|------------|-------------|-----------------|---|
| GSTM1 | NM_000561 | NCBI | NM_000561 |
| GSTM3 | NM_000849 | NCBI | NM_000849 |
| GSTp | NM_000852 | NCBI | NM_000852 |
| GSTT1 | NM_000853 | NCBI | NM_000853 |
| GSTT2 | NM_000854 | NCBI | NM_000854 |
| GUS | NM_000181 | NCBI | NM_000181 |
| H2AFZ | NM_002106 | NCBI | NM_002106 |
| Ha-Ras | NM_005343 | NCBI | NM_005343 |
| HB-EGF | NM_001945 | NCBI | NM_001945 |
| hCRA a | U78556 | NCBI | U78556 |
| hENT1 | NM_004955 | NCBI | NM_004955 |
| Hepsin | NM_002151 | NCBI | NM_002151 |
| HER2 | NM_004448 | NCBI | NM_004448 |
| her2P | J05264 | NCBI | J05264 |
| HGF | M29145 | NCBI | M29145 |
| HIF1A | NM_001530 | NCBI | NM_001530 |
| HLA-DPB1 | NM_002121 | NCBI | NM_002121 |
| HLA-G | NM_002127 | NCBI | NM_002127 |
| HNF3A | NM_004496 | NCBI | NM_004496 |
| HNRPAB | NM_004499 | NCBI | NM_004499 |
| HOXA5 | NM_019102 | NCBI | NM_019102 |
| HOXB7 | NM_004502 | NCBI | NM_004502 |
| IBSP | NM_004967 | NCBI | NM_004967 |
| Id-3 | NM_002167 | NCBI | NM_002167 |
| ID1 | NM_002165 | NCBI | NM_002165 |
| ID2 | NM_002166 | NCBI | NM_002166 |
| IER3 | NM_052815 | NCBI | NM_052815 |
| IGF1 | NM_000618 | NCBI | NM_000618 |
| IGF1R | NM_000875 | NCBI | NM_000875 |
| IGF2 | NM_000612 | NCBI | NM_000612 |
| IGFBP1 | XM004688 | NCBI | XM_004688 |
| IGFBP2 | NM_000597 | NCBI | NM_000597 |
| IGFBP2(XM) | XM_002636 | NCBI | XM_002636 |
| IGFBP3 | NM_000598 | NCBI | NM_000598 |
| IGFBP4 | XM_049937 | NCBI | XM_049937 |
| IGFBP5 | AY052629 | NCBI | AY052629 |
| IGFBP5 | NM_000599 | NCBI | NM_000599 |
| IGFBP6 | NM_002178 | NCBI | NM_002178 |
| IGFBP7 | NM_001553 | NCBI | NM_001553 |
| IL10 | NM_000572 | NCBI | NM_000572 |
| IL6 | NM_000600 | NCBI | NM_000600 |
| ILT-2 | NM_006669 | NCBI | NM_006669 |
| ING1 | NM_005537 | NCBI | NM_005537 |
| INSM1 | NM_002196 | NCBI | NM_002196 |
| IRS1 | NM_005544 | NCBI | NM_005544 |
| ITGA3 | NM_002204 | NCBI | NM_002204 |
| ITGA7 | NM_002206 | NCBI | NM_002206 |
| ITGB3 | NM_000212 | NCBI | NM_000212 |

FIG. 6 CONT.

| Gene Name | Sequence ID | Sequence Source | GHIallgenes2-03.txt Accession Number |
|----------------|-------------|-----------------|---|
| k-ras | NM_033360 | NCBI | NM_033360 |
| KB1527G9 8q23 | KB1527G9 | NCBI | KB1527G9 |
| KDR | NM_002253 | NCBI | NM_002253 |
| Ki-67 | NM_002417 | NCBI | NM_002417 |
| KIAA1209 | AJ420468 | NCBI | AJ420468 |
| Kitlng | NM_000899 | NCBI | NM_000899 |
| KLK10 | NM_002776 | NCBI | NM_002776 |
| KLK11 | NM_006853 | NCBI | NM_006853 |
| KNSL2 | BC000712 | NCBI | BC000712 |
| KRT 4 | NM_002272 | NCBI | NM_002272 |
| KRT14 | NM_000526 | NCBI | NM_000526 |
| KRT17 | NM_000422 | NCBI | NM_000422 |
| KRT18 | NM_000224 | NCBI | NM_00.0224 |
| KRT19 | NM_002276 | NCBI | NM_002276 |
| KRT5 | NM_000424 | NCBI | NM_000424 |
| KRT8 | NM_002273 | NCBI | NM_002273 |
| LAMC2 | NM_005562 | NCBI | NM_005562 |
| LAMP2 | NM_013995 | NCBI | NM_013995 |
| LMNB1 | NM_005573 | NCBI | NM_005573 |
| LMYC | NM_012421 | NCBI | NM_012421 |
| LOC51038 | NM_015858 | NCBI | NM_015858 |
| LOT1 variant 1 | NM_002656 | NCBI | NM_002656 |
| Lot1 variant 2 | NM_006718 | NCBI | NM_006718 |
| LPL | NM_000237 | NCBI | NM_000237 |
| LTA | NM_000595 | NCBI | NM_000595 |
| M20259 | M20259 | NCBI | M20259 |
| MAGEE 1 | NM_016249 | NCBI | NM_016249 |
| MAPK4 | NM_002747 | NCBI | NM_002747 |
| Maspin | NM_002639 | NCBI | NM_002639 |
| MCJ | NM_013238 | NCBI | NM_013238 |
| MCL1 | NM_021960 | NCBI | NM_021960 |
| MCM2 | NM_004526 | NCBI | NM_004526 |
| MCM3 | NM_002388 | NCBI | NM_002388 |
| MCM6 | NM_005915 | NCBI | NM_005915 |
| MCM7 | NM_005916 | NCBI | NM_005916 |
| MCP1 | NM_002982 | NCBI | NM_002982 |
| MDM2 | NM_002392 | NCBI | NM_002392 |
| MDS028 | NM_018463 | NCBI | NM_018463 |
| MEL | NM_005370 | NCBI | NM_005370 |
| MELK | NM_014791 | NCBI | NM_014791 |
| Mgb1 | NM_002411 | NCBI | NM_002411 |
| MGMT | NM_002412 | NCBI | NM_002412 |
| MGST1 | NM_020300 | NCBI | NM_020300 |
| MLH1 | NM_000249 | NCBI | NM_000249 |
| MLL | NM_005933 | NCBI | NM_005933 |
| MMP12 | NM_002426 | NCBI | NM_002426 |
| MMP2 | NM_004530 | NCBI | NM_004530 |
| MMP9 | NM_004994 | NCBI | NM_004994 |

FIG. 6 CONT.

| Gene Name | Sequence ID | Sequence Source | GHIallgenes2-03.txt Accession Number |
|------------------|--------------|-------------------|---|
| MRP1 | NM_004996 | NCBI | NM_004996 |
| MRP2 | NM_000392 | NCBI | NM_000392 |
| MRP3 | NM_003786 | NCBI | NM_003786 |
| MRP4 | NM_005845 | NCBI | NM_005845 |
| MSH2 | NM_000251 | NCBI | NM_000251 |
| MSH3 | NM_002439 | NCBI | NM_002439 |
| MSH6 | NM_000179 | NCBI | NM_000179 |
| MT3 | NM_005954 | NCBI | NM_005954 |
| MTA1 | NM_004689 | NCBI | NM_004689 |
| MUC1 | NM_002456 | NCBI | NM_002456 |
| MUC1 | J05582 | NCBI | J05582 |
| MUC3 | AF007194 | NCBI | AF007194 |
| MVP | NM_017458 | NCBI | NM_017458 |
| MYBL2 | NM_002466 | NCBI | NM_002466 |
| MYH11 | NM_002474 | NCBI | NM_002474 |
| MYLK | NM_053025 | NCBI | NM_053025 |
| MYRIP | NM_015460 | Incyte Diagnostic | NM_015460 |
| NADPHP450 | AF258341 | NCBI | AF258341 |
| NCAM1 | NM_000615 | NCBI | NM_000615 |
| NEK2 | NM_002497 | NCBI | NM_002497 |
| NFKBp50 | NM_003998 | NCBI | NM_003998 |
| NFKBp65 | NM_021975 | NCBI | NM_021975 |
| NMB | NM_021077 | NCBI | NM_021077 |
| NMBR | NM_002511 | NCBI | NM_002511 |
| NME1 | NM_000269 | NCBI | NM_000269 |
| NMU | NM_006681 | NCBI | NM_006681 |
| NMYC | NM_005378 | NCBI | NM_005378 |
| NPDO09 | NM_020686 | NCBI | NM_020686 |
| NR4A1 | NM_002135 | NCBI | NM_002135 |
| NRG1 | NM_013957 | NCBI | NM_013957 |
| NRP1 | NM_003873 | NCBI | NM_003873 |
| NRP2 | NM_003872 | NCBI | NM_003872 |
| ODC1 | NM_002539 | NCBI | NM_002539 |
| OPN, osteopontin | NM_000582 | NCBI | NM_000582 |
| ORC3 | NM_012381 | NCBI | NM_012381 |
| Osteonectin | NM_003118 | NCBI | NM_003118 |
| P14ARF | S78535 | NCBI | S78535 |
| p14ARF | NM_000077P14 | NCBI | NM_000077 |
| p16-INK4 | L27211 | NCBI | L27211 |
| P161NK4 | NM_000077 | NCBI | NM_000077 |
| p21 | NM_000389 | NCBI | NM_000389 |
| p27 | NM_004064 | NCBI | NM_004064 |
| P40 | NM_006824 | NCBI | NM_006824 |
| P53 | NM_000546 | NCBI | NM_000546 |
| p53R2 | AB036063 | NCBI | AB036063 |
| p63 | NM_003722 | NCBI | NM_003722 |
| P66 | AB032976 | NCBI | AB032976 |
| PAI1 | NM_000602 | NCBI | NM_000602 |

FIG. 6 CONT.

| Gene Name | Sequence ID | Sequence Source | GHIallgenes2-03.txt Accession Number |
|----------------|---------------|-----------------|---|
| PBGD | X04217 | NCBI | X04217 |
| PCNA | NM_002592 | NCBI | NM_002592 |
| PCP4 | NM_006198 | NCBI | NM_006198 |
| PDGFA | NM_002607 | NCBI | NM_002607 |
| PDGFB | NM_002608 | NCBI | NM_002608 |
| PDGFC | NM_016205 | NCBI | NM_016205 |
| PDGFD | NM_025208 | NCBI | NM_025208 |
| PDGFRa | NM_006206 | NCBI | NM_006206 |
| PDGFRb | NM_002609 | NCBI | NM_002609 |
| PECI | NM_006117 | NCBI | NM_006117 |
| PGK1 | NM_000291 | NCBI | NM_000291 |
| P13K | NM_002646 | NCBI | NM_002646 |
| P13Kc2A | NM_002645 | NCBI | NM_002645 |
| PIK3R1 | M61906 | NCBI | M61906 |
| Pin1 | NM_006221 | NCBI | NM_006221 |
| PKCe | NM_005400 | NCBI | NM_005400 |
| PKLR | NM_000298 | NCBI | NM_000298 |
| PLAUR | NM_002659 | NCBI | NK-002659 |
| PLK | NM_005030 | NCBI | NM_005030 |
| PMS1 | NM_000534 | NCBI | NM_000534 |
| PMS2 | NM_000535 | NCBI | NM_000535 |
| PPARG | NM_005037 | NCBI | NM_005037 |
| PPM1D | NM_003620 | NCBI | NM_003620 |
| PR | NM_000926 | NCBI | NM_000926 |
| PRAME | NM_006115 | NCBI | NM_006115 |
| PRAME intron 1 | NM_006115int1 | NCBI | NM_006115int1 |
| PRAME intron 2 | NM_006115int2 | NCBI | NM_006115int2 |
| PRAME intron 3 | NM_006115int3 | NCBI | NM_006115int3 |
| PRAME intron 4 | NM_006115int4 | NCBI | NM_006115int4 |
| PRAME intron 5 | NM_006115int5 | NCBI | NM_006115int5 |
| PREP | NM_002726 | NCBI | NM_002726 |
| PRKCD | NM_006254 | NCBI | NM_006254 |
| PRKCG | NM_002739 | NCBI | NM_002739 |
| PR02000 | NM_014109 | NCBI | NM_014109 |
| pS2 | NM_003225 | NCBI | NM_003225 |
| PTDO16 | NM_016125 | NCBI | NM_016125 |
| PTEN | NM_000314 | NCBI | NM_000314 |
| PTHLH | NM_002820 | NCBI | NM_002820 |
| PTPD1 | NM_007039 | NCBI | NM_007039 |
| PTTG1 | NM_004219 | NCBI | NM_004219 |
| PUNC | AK095529 | NCBI | AK095529 |
| Q9BQI9 | NM_031474 | NCBI | NM_031474 |
| Q9BSD3 | NM_031465 | NCBI | NM_031465 |
| RAB27B | NM_004163 | NCBI | NM_004163 |
| RAD51C | NM_058216 | NCBI | NM_058216 |
| RAD54L | NM_003579 | NCBI | NM_003579 |
| RANBP2 | NM_006267 | NCBI | NM_006267 |
| RARA | NM_000964 | NCBI | NM_000964 |

FIG. 6 CONT.

| Gene Name | Sequence ID | Sequence Source | GHIallgenes2-03.txt Accession Number |
|----------------|---------------|-----------------|---|
| RARB | NM_016152 | NCBI | NM_016152 |
| RASSF1 | NM_007182 | NCBI | NM_007182 |
| RB1 | NM_000321 | NCBI | NM_000321 |
| RBM5 | NM_005778 | NCBI | NM_005778 |
| RBP4 | NM_006744 | NCBI | NM_006744 |
| RERG | NM_032918 | NCBI | NM_032918 |
| RFC | NM_003056 | NCBI | NM_003056 |
| RFC4 | NM_002916 | NCBI | NM_002916 |
| rhoc | NM_005167 | NCBI | NM_005167 |
| RIZ1 | NM_012231 | NCBI | NM_012231 |
| RNase P | RNaseP | GHI Custom | RNaseP |
| RPL19 | NM_000981 | NCBI | NM_000981 |
| RPLPO | NM_001002 | NCBI | NM_001002 |
| RPS6KB1 | NM_003161 | NCBI | NM_003161 |
| RRM1 | NM_001033 | NCBI | NM_001033 |
| RUNX1 | NM_001754 | NCBI | NM_001754 |
| SDC1 | NM_002997 | NCBI | NM_002997 |
| SEMA3B | NM_004636 | NCBI | NM_004636 |
| SEMA3F | NM_004186 | NCBI | NM_004186 |
| SERPINC1 | NM_000488 | NCBI | NM_000488 |
| SIR2 | NM_012238 | NCBI | NM_012238 |
| SLC19A3 | NM_025243 | NCBI | NM_025243 |
| SLC20A1 | NM_005415 | NCBI | NM_005415 |
| SLC2A3 | NM_006931 | NCBI | NM_006931 |
| Smad4 | NM_005359 | NCBI | NM_005359 |
| SNRPF | NM_003095 | NCBI | NM_003095 |
| SPRY1 | AK026960 | NCBI | AK026960 |
| SPRY2 | NM_005842 | NCBI | NM_005842 |
| Src | NM_004383 | NCBI | NM_004383 |
| STAT1 | NM_007315 | NCBI | NM_007315 |
| STAT3 | NM_003150 | NCBI | NM_003150 |
| STAT5A | NM_003152 | NCBI | NM_0031-52 |
| STAT5B | NM_012448 | NCBI | NM_012448 |
| STC1 | NM_003155 | NCBI | NM_003155 |
| STC2 | AK027663 | NCBI | AK027663 |
| STC2 | NM_003714 | NCBI | NM_003714 |
| STK11 | NM_000455 | NCBI | NM_000455 |
| STK15 | NM_003600 | NCBI | NM_003600 |
| STK15 intron 1 | NM_003600int1 | NCBI | NM_003600int1 |
| STK15 intron 2 | NM_003600int2 | NCBI | NM_003600int2 |
| STK15 intron 3 | NM_003600int3 | NCBI | NM_003600int3 |
| STK15 intron 4 | NM_003600int4 | NCBI | NM_003600int4 |
| STK15 intron 6 | NM_003600int6 | NCBI | NM_003600int6 |
| STMY3 | NM_005940 | NCBI | NM_005940 |
| SUHW1 | NM_080740 | NCBI | NM_080740 |
| SURF6 | NM_006753 | NCBI | NM_006753 |
| Surfact A1 | NM_005411 | NCBI | NM_005411 |
| SURV | NM_001168 | NCBI | NM_001168 |

FIG. 6 CONT.

| Gene Name | Sequence ID | Sequence Source | GHIallgenes2-03.txt Accession Number |
|------------------|-------------|-----------------|---|
| SXR | NM_003889 | NCBI | NM_003889 |
| SYK | NM_003177 | NCBI | NM_003177 |
| TAGLN | NM_003186 | NCBI | NM_003186 |
| TBD | NM_016261 | NCBI | NM_016261 |
| TBP | NM_003194 | NCBI | NM_003194 |
| TBX2 | NM_005994 | NCBI | NM_005994 |
| TEK | NM_000459 | NCBI | NM_000459 |
| TERC | U86046 | NCBI | U86046 |
| TERT | NM_003219 | NCBI | NM_003219 |
| TFF3 | NM_003226 | NCBI | NM_003226 |
| TFRC | NM_003234 | NCBI | NM_003234 |
| TGFA | NM_003236 | NCBI | NM_003236 |
| TGFb1 | NM_000660 | NCBI | NM_000660 |
| TGFB3 | NM_003239 | NCBI | NM_003239 |
| TGFB2 | NM_003242 | NCBI | NM_003242 |
| Thrombospondin 1 | NM_003246 | NCBI | NM_003246 |
| Thymosin B | NM_021992 | NCBI | NM_021992 |
| TIE | NM_005424 | NCBI | NM_005424 |
| TIMP1 | NM_003254 | NCBI | NM_003254 |
| TIMP2 | NM_003255 | NCBI | NM_003255 |
| TIMP3 | NM_000362 | NCBI | NM_000362 |
| TITF1 | NM_003317 | NCBI | NM_003317 |
| TJP1 | NM_003257 | NCBI | NM_003257 |
| TK1 | NM_003258 | NCBI | NM_003258 |
| TNF | NM_000594 | NCBI | NM_000594 |
| TNFRSF11A | NM_003839 | NCBI | NM_003839 |
| TNFRSF11B | NM_002546 | NCBI | NM_002546 |
| TNFSF11 | NM_003701 | NCBI | NM_003701 |
| TNFSF11 | NM_033012 | NCBI | NM_033012 |
| TOP2A | NM_001067 | NCBI | NM_001067 |
| TOP2AF | AF071738 | NCBI | AF071738 |
| TOP2B | NM_001068 | NCBI | NM_001068 |
| TP | NM_001953 | NCBI | NM_001953 |
| TP53BP1 | NM_005657 | NCBI | NM_005657 |
| TP53BP2 | NM_005426 | NCBI | NM_005426 |
| TRAIL | NM_003810 | NCBI | NM_003810 |
| TS | NM_001071 | NCBI | NM_001071 |
| TSC2 | NM_000548 | NCBI | NM_000548 |
| TULP3 | NM_003324 | NCBI | NM_003324 |
| upa | NM_002658 | NCBI | NM_002658 |
| VCAM1 | NM_001078 | NCBI | NM_001078 |
| VDR | NM_000376 | NCBI | NM_000376 |
| VEGF | NM_003376 | NCBI | NM_003376 |
| VEGFB | NM_003317 | NCBI | NM_003377 |
| VEGFC | NM_005429 | NCBI | NM_005429 |
| vim | NM_003380 | NCBI | NM_003380 |
| WISP1 | NM_003882 | NCBI | NM_003882 |
| Wnt-5a | NM_003392 | NCBI | NM_003392 |

FIG. 6 CONT.

| Gene Name | Sequence ID | Sequence Source | GHIallgenes2-03.txt Accession Number |
|------------------|--------------------|------------------------|---|
| Wnt-5b | NM_032642 | NCBI | NM_032642 |
| wwox | NM_016373 | NCBI | NM_016373 |
| XIAP | NM_001167 | NCBI | NM_001167 |
| XIST | M97168 | NCBI | M97168 |
| YB-1 | NM_004559 | NCBI | NM_004559 |
| ZNF217 | NM_006526 | NCBI | NM_006526 |

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